

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/21/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	26.80	26.56	24.97	24.39	25.55	26.40	29.81	32.32	32.81	34.79	36.05	36.97	37.82	40.67	42.69	44.43	46.18	44.51	40.84	42.50	40.32	35.34	29.85	30.65
61757	1.47	1.09	0.95	0.93	0.95	1.33	1.96	2.14	2.28	2.36	2.38	2.40	2.36	2.58	2.63	2.73	2.68	2.82	2.69	2.92	2.80	2.36	1.97	1.51
	-2.76	-8.18	-9.23	-9.21	-9.99	-6.08	-1.38	-1.98	0.26	0.28	0.30	0.31	0.32	0.35	0.37	0.39	0.41	0.39	0.35	0.37	0.35	0.29	0.23	-6.24
CENTRL	22.69	17.79	15.40	14.89	15.32	19.45	26.63	28.44	30.97	32.95	34.34	35.60	36.67	39.52	41.62	43.31	45.13	42.43	38.80	40.18	38.05	33.39	28.13	23.26
61754	0.23	0.21	0.21	0.23	0.25	0.30	0.42	0.51	0.62	0.65	0.78	0.94	1.11	1.23	1.25	1.18	1.40	1.01	0.89	0.84	0.76	0.60	0.39	0.28
	0.12	-0.29	-0.40	-0.41	-0.46	-0.16	0.27	0.26	0.44	0.42	0.42	0.22	0.23	0.16	0.07	-0.05	0.19	0.66	0.59	0.62	0.58	0.48	0.38	-0.09
DUNWOD	26.81	25.02	23.05	22.45	23.43	25.30	30.14	32.51	33.72	35.79	37.17	38.01	38.82	41.83	44.04	45.88	47.78	45.95	42.04	43.67	41.35	36.53	30.98	30.06
61760	2.01	1.43	1.18	1.14	1.17	1.60	2.46	2.62	2.93	3.07	3.19	3.14	3.04	3.38	3.60	3.79	3.87	3.87	3.54	3.72	3.48	3.26	2.87	2.38
	-2.22	-6.30	-7.08	-7.05	-7.65	-4.72	-1.21	-1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.78
GENESE	22.29	17.41	15.06	14.57	14.98	19.05	26.21	28.14	30.58	32.55	34.11	35.32	36.49	39.00	40.90	42.73	45.06	42.64	38.78	40.09	37.73	33.04	27.57	22.76
61753	-0.20	-0.10	-0.03	0.01	0.03	-0.06	-0.05	0.14	0.12	0.20	0.51	0.84	1.11	1.00	0.93	1.14	1.67	1.05	0.73	0.60	0.30	0.13	-0.25	-0.21
	0.09	-0.22	-0.30	-0.31	-0.34	-0.12	0.20	0.20	0.33	0.36	0.38	0.39	0.41	0.44	0.47	0.50	0.52	0.50	0.44	0.47	0.44	0.36	0.29	-0.07
H Q	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01
61844	-0.88	-0.67	-0.59	-0.58	-0.60	-0.76	-1.06	-1.13	-1.26	-1.31	-1.36	-1.43	-1.47	-1.58	-1.66	-1.73	-1.80	-1.68	-1.54	-1.60	-1.52	-1.33	-1.13	-0.89
	14.69	9.61	7.19	6.66	7.00	11.22	18.40	20.06	22.52	24.39	25.61	26.43	27.31	29.86	31.77	33.35	35.10	33.39	29.95	31.34	29.34	24.93	19.98	15.00
HUD VL	26.61	24.72	22.74	22.12	23.08	25.05	29.93	32.24	33.47	35.46	36.83	37.67	38.65	41.72	43.92	45.79	47.73	45.87	41.89	43.55	41.20	36.30	30.76	29.64
61758	1.90	1.38	1.15	1.10	1.13	1.54	2.30	2.43	2.68	2.75	2.85	2.79	2.86	3.27	3.48	3.70	3.82	3.79	3.39	3.60	3.33	3.03	2.64	2.11
	-2.14	-6.05	-6.79	-6.77	-7.34	-4.53	-1.16	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.64
LONGIL	27.37	25.47	23.44	22.82	23.81	26.60	32.02	35.88	37.12	37.74	37.97	38.82	39.66	42.72	45.13	46.93	48.57	47.04	43.05	46.49	42.20	38.26	34.50	33.07
61762	2.53	1.85	1.54	1.48	1.52	2.07	3.10	3.24	3.54	3.73	3.97	3.94	3.87	4.27	4.69	4.84	4.65	4.96	4.54	4.67	4.32	3.99	3.43	2.84
	-2.26	-6.33	-7.11	-7.09	-7.68	-5.54	-2.46	-4.44	-2.78	-1.30	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-1.86	-0.01	-1.00	-2.96	-7.33
MHK VL	21.12	16.85	14.72	14.24	14.65	18.27	24.55	26.08	28.31	30.34	31.23	32.20	33.09	35.48	37.26	38.65	40.32	38.55	35.32	36.70	34.79	30.75	26.04	21.85
61756	0.47	0.33	0.27	0.24	0.23	0.34	0.66	0.68	0.83	1.18	1.02	1.22	1.32	1.42	1.50	1.47	1.58	1.39	1.23	1.36	1.25	1.06	0.76	0.59
	1.94	0.77	0.33	0.26	0.20	1.06	2.59	2.79	3.31	3.55	3.77	3.89	4.02	4.40	4.68	4.91	5.17	4.92	4.41	4.62	4.32	3.58	2.84	1.64
MILLWD	26.83	25.13	23.17	22.57	23.56	25.36	30.19	32.56	33.69	35.72	37.14	37.94	38.79	41.79	44.00	45.88	47.78	46.04	42.08	43.71	41.39	36.49	30.93	30.11
61759	1.99	1.43	1.18	1.14	1.17	1.58	2.49	2.65	2.89	3.01	3.16	3.07	3.01	3.34	3.56	3.79	3.87	3.95	3.58	3.75	3.52	3.23	2.81	2.29
	-2.26	-6.41	-7.20	-7.17	-7.78	-4.80	-1.23	-1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.92
N.Y.C.	27.14	25.25	23.23	22.61	23.61	25.52	30.43	32.91	36.10	40.66	41.24	41.29	41.62	42.41	44.64	46.51	48.39	46.59	42.65	44.27	41.88	38.18	38.02	30.49
61761	2.33	1.64	1.35	1.28	1.33	1.81	2.75	3.02	3.39	3.57	3.70	3.66	3.61	3.96	4.21	4.42	4.48	4.50	4.16	4.32	4.01	3.79	3.29	2.72
	-2.23	-6.32	-7.10	-7.07	-7.67	-4.73	-1.21	-1.69	-1.92	-4.38	-3.56	-2.76	-2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	-6.62	-4.87
NORTH	7.87	7.44	7.22	7.16	5.83	4.44	7.97	8.13	8.10	7.11	8.53	8.66	8.79	8.94	9.23	9.18	9.26	9.01	8.83	8.76	8.75	5.77	5.00	5.00
61755	-1.42	-1.16	-1.07	-1.04	-1.07	-1.35	-1.85	-1.92	-2.19	-2.26	-2.28	-2.30	-2.29	-2.50	-2.47	-2.74	-2.90	-2.86	-2.58	-2.84	-2.58	-2.40	-2.05	-1.65
	13.29	8.69	6.50	6.05	7.71	13.20	16.65	18.15	20.51	23.35	23.17	23.91	24.70	27.01	28.74	30.17	31.76	30.20	27.09	28.36	26.54	25.10	21.06	16.25
NPX	26.84	26.02	24.29	23.69	24.79	26.00	29.99	32.40	33.10	35.10	36.46	37.28	38.11	40.99	43.11	44.87	46.64	44.98	41.27	42.87	40.59	35.67	30.25	30.44
61845	1.58	1.14	0.98	0.94	0.96	1.33	2.07	2.17	2.31	2.39	2.48	2.40	2.32	2.54	2.67	2.78	2.72	2.90	2.77	2.92	2.73	2.40	2.14	1.67
	-2.68	-7.59	-8.52	-8.50	-9.21	-5.68	-1.46	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.87

OH 61846	21.63	17.16	15.00	14.54	15.00	18.74	25.00	27.15	29.83	31.37	32.61	32.22	33.40	35.30	36.08	36.27	40.20	40.10	37.57	38.68	36.66	32.13	26.80	22.24
	-0.93	-0.52	-0.28	-0.21	-0.16	-0.49	-0.98	-0.90	-0.65	-0.62	-0.41	-0.03	0.28	0.46	0.20	-0.13	0.31	-0.21	-0.50	-0.72	-0.80	-0.80	-1.04	-0.82
	0.02	-0.39	-0.49	-0.50	-0.55	-0.25	0.49	0.14	0.32	0.72	0.97	2.62	2.67	3.61	4.56	5.69	4.02	1.77	0.42	0.56	0.41	0.34	0.27	-0.16
PJM 61847	24.23	21.06	18.98	18.44	19.16	22.01	27.69	29.73	31.60	33.94	35.23	36.18	37.14	39.81	41.86	43.44	45.68	43.13	39.55	40.96	38.79	34.20	29.34	26.10
	0.66	0.52	0.49	0.48	0.53	0.63	0.82	0.90	1.11	1.18	1.29	1.43	1.54	1.77	1.86	1.81	2.11	1.77	1.46	1.44	1.32	1.26	0.98	0.82
	-0.99	-3.25	-3.70	-3.70	-4.02	-2.39	-0.40	-0.63	0.30	-0.05	0.04	0.12	0.18	0.41	0.44	0.46	0.35	0.72	0.41	0.43	0.40	0.33	-0.24	-2.37
WEST 61752	22.01	17.45	15.24	14.78	15.24	19.09	25.94	27.91	30.81	33.64	35.64	40.31	41.69	46.44	50.07	53.64	52.47	42.83	38.88	40.07	37.68	33.02	27.45	22.69
	-0.54	-0.21	-0.01	0.06	0.10	-0.13	-0.37	-0.14	0.34	0.49	0.78	1.22	1.61	1.88	1.66	1.35	1.84	1.22	0.81	0.56	0.23	0.10	-0.39	-0.37
	0.03	-0.37	-0.47	-0.47	-0.52	-0.23	0.16	0.15	0.32	-0.44	-0.88	-4.22	-4.29	-6.11	-7.97	-10.21	-6.72	0.47	0.42	0.44	0.42	0.34	0.27	-0.15